

**Claims:**

- 1        1. An apparatus for storing and/or retrieving and/or organizing medical  
2        records and other vital personal information from bodily worn storage  
3        devices, comprising:
  - 4        a bodily worn storage device capable of storing digitized (digital)  
5        personal medical records and other vital personal emergency information
  - 6        a portable field unit with a unique interface wand capable of retrieving  
7        digital patient records and information from the bodily worn device and  
8        transmitting said digital information by wireless means
  - 9        a base unit capable of receiving said digital medical records and  
10      information and organizing them into readable and medically significant  
11      information for emergency medical treatment options
  - 12      a patient monitor module for interfacing the wireless critical patient  
13      information and data with an existing emergency room patient monitoring  
14      device
  - 15      software for digitizing and organizing and displaying said critical patient  
16      information in page formats for emergency medical treatment and other  
17      applications and usage
  - 18      software for controlling the internal logic of the portable field unit and the  
19      patient monitoring module and the base unit.
- 1        2. The apparatus of claim 1 wherein the interface wand is capable of  
2        capturing said digital medical records by non-contact optical or wireless  
3        means
- 1        3. The apparatus of claim 1 wherein the bodily worn device is capable of  
2        transmitting or receiving said digital medical records from the interface  
3        wand by non-contact optical or wireless means.
- 1        4. The apparatus of claim 1 wherein the portable field unit is capable of  
2        receiving, storing and displaying said medical records on a lighted display  
3        screen via the interface wand.
- 1        5. The apparatus of claim 1 wherein the portable field unit is capable of  
2        wireless transmission of the said digital medical records to said base unit.

- 1       6. The apparatus of claim 1 wherein the portable field unit is programmed  
2       with software to allow for the organization and display of said digital  
3       medical data.
  
- 1       7. The apparatus of claim 1 wherein the interface wand is capable of  
2       transmitting or receiving wireless digital information from the said bodily  
3       worn device using optical or other wireless- non contact means
  
- 1       8. The apparatus of claim 1 wherein the base unit is capable of receiving  
2       said digital records in a wireless fashion
  
- 1       9. The apparatus of claim 1 wherein the base unit is capable of storing  
2       and organizing the medical records and critical information into prioritized  
3       pages for display and viewing.
  
- 1       10. The apparatus of claim 1 wherein the base unit contains software for  
2       the logic control of receiving said digital records, organizing said records  
3       in priority fashion and displaying said prioritized records on the display  
4       screen.
  
- 1       11. The apparatus of claim 1 wherein the base unit is capable of archiving  
2       and storing multiple digital patient records for retrieval and review.
  
- 1       12. The apparatus of claim 1 wherein the patient module is capable of 2  
2       interfacing with an existing emergency room patient monitor and receiving  
3       said wireless transmission of said medical records for display on said  
4       existing patient monitor in an emergency situation.
  
- 1       13. The apparatus of claim 1 wherein the patient module contains an  
2       interface Printed circuit board with electronic contact pads, or other  
3       suitable means, for transmitting power to the module board and for  
4       transmitting and receiving said digital patient medical records.
  
- 1       14. The apparatus or claim 1 wherein the patient module contains an  
2       interface wand and electronic cable for capturing said digital records from  
3       said bodily worn device, using non-contact wireless means, and  
4       transmitting said records to the patient monitor for storage and display.

- 1       15. The apparatus of claim 1 wherein the system contains common  
2       software and logic for the seamless storage, wireless transmission,  
3       receiving, prioritizing, creation of readable pages and displaying of said  
4       pages on a computer screen, patient monitor screen or other appropriate  
5       display device.
- 1       16. A method for storing and/or retrieving and/or organizing medical  
2       records and other vital personal information from bodily worn storage  
3       devices , comprising:  
4                 providing a bodily worn storage device capable of storing digital medical  
5                 records and other vital personal health/emergency information and  
6                 a means of transmitting and receiving said digital medical records  
7                 to and from the bodily worn device in a wireless fashion from a  
8                 wireless receiving transmitting wand which would be either  
9                 attached to a portable storage device or a patient monitoring  
10                 device and be capable of displaying said medical data and records  
11                 on a computer display screen for use in a medical emergency or  
12                 other situation and a means of transmitting said medical records  
13                 from the portable field unit to a base unit for display and review by  
14                 a medical professional and for storage and archival purposes
- 1       17 The method of claim 16 further including organizing the digital  
2       medical records stored in the bodily worn device into electronic pages  
3       which are in a medically significant prioritized manner with most critical  
4       information in a life threatening situation be accessible first and lesser  
5       medical information and personal information be accessible secondary.
- 1       18. The method of claim 16 further including transmitting said digital  
2       medical information from the bodily worn device to the portable field unit  
3       using optical or other wireless means via a wand or other suitable means.
- 1       19 The method of claim 16 further including means of storing, organizing,  
2       prioritizing and displaying said digital medical records on the portable unit  
3       for emergency medical treatment.
- 1       20. The method of claim 19 further including a means of transmitting the  
2       said medical records from the portable field unit via wireless or wired  
3       means to a base unit.

- 1       21. The method of claim 16 further including a means of transmitting said  
2       digital medical records from the bodily worn device to a multi use patient  
3       monitor via wireless non contact means.
- 1       22. The method of claim 21 further including a means of organizing ,  
2       prioritizing and displaying said medical records on the patient monitoring  
3       screen for emergency medical or other medical usage.
- 1       23. The method of claim 20 further including a means of transmitting said  
2       digital medical records from the portable field unit to a base unit via  
3       wireless or wired means.
- 1       24. The method of claim 23 further including a means of organizing,  
2       prioritizing and displaying said medical records within the base unit for  
3       emergency medical treatment.
- 1       25. The method of claim 24 further including a means of prioritizing  
2       medical records in a medically significant fashion so most critical life  
3       saving medical information, tailored to the individual wearing said bodily  
4       worn device, is displayed first in a medical emergency and . secondary  
5       medical information is displayed secondary on subsequent sequential  
6       pages.
- 1       26. The method of claim 16 further comprising a means to allow for a  
2       common software language so that the digital information and medical  
3       records within the bodily worn device is compatible with the portable unit,  
4       the patient monitor and the base unit in a seamless and efficient manner.
- 1       27. The method of claim 16 further comprising a means of updating an  
2       individuals digital medical records within the bodily worn device via  
3       transmission of updated data from the base unit or portable unit to the  
4       bodily worn device via wireless or wired means.
- 1       28. A method of claim 16 further comprising a means of erasing data  
2       within a bodily worn device and re-writing new and/or updated digital  
3       medical records within the bodily worn device via wired or wireless  
4       transmission from the portable field unit or the base unit.